PATENT
Attorney Docket No. 23068-7367
Customer No. 25714

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

William R. Murray, Jr., et al.

Application No.:

Filed: _____

For: COMPUTER PHYSICAL SECURITY DEVICE

Examiner: not assigned

Art Unit: not assigned

PRELIMINARY AMENDMENT

I hereby certify that this paper is being deposited by Express Mail addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231 as Express Mail No. EL710236328US on March 13, 2001 By Deborah Cameron

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 1, line 5, with the following rewritten paragraph:

--This application is a division of U.S. Patent Application No. 09/602,879 filed June 23, 2000, which is a continuation of U.S. Patent Application No. 09/441,142 filed November 12, 1999, which is a continuation of U.S. Patent Application No. 08/138,634 filed October 15, 1993, now U.S. Patent No. 6,000,251, which is continuation-in-part of U.S. Patent Application No. 08/042,851 filed April 5, 1993, now U.S. Patent No. 5,381,685, which is a continuation-in-part of U.S. Patent Application No. 08/006,311 filed January 19, 1993 now abandoned, which is a continuation of U.S. Patent Application No. 07/824,964 filed January 24, 1992, now abandoned.--

IN THE CLAIMS:

Please delete claim 71 and amend claims 57-64 and 66-69 as follows. Claims 56-70 remain in this application.

56. (Unamended) A locking system comprising:

a portable electronic computer having an external wall defining a security slot;

a housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot which thereby permits said locking member to extend into said security slot;

said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from said security slot, and a locked position wherein said locking member is retained within said security slot;

a pin cooperatively coupled to said slot engagement member after said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position;

cable attachment means, coupled to said housing, for attaching a cable to said housing; and

a cable, coupled to said cable attachment means, for securing said portable electronic computer to an object other than to said housing.

57. (Amended) The system of claim 56 wherein said pin includes a first threaded portion, complementary to a second threaded portion in an aperture in said housing.

58. (Amended) The system of claim 56 wherein said pin cooperates by extending into said security slot.

59. (Amended) The system of claim 56 wherein a first side of said housing abuts said external wall, and

wherein said housing includes a cavity and a second side opposite said first side that is open to access said cavity wherein said pin is insertable through said second side and into said cavity to cooperate with said slot engagement member to inhibit said rotation.

60. (Amended) The system of claim 59 wherein said pin includes a first threaded portion complementary to a second threaded portion in an aperture in said first side of said housing.

61. (Amended) The system of claim 56 wherein said housing includes sidewalls orthogonal to said first side wherein said sidewalls include opposing apertures to permit said cable to extend therethrough after cooperation of said pin with said slot engagement member to inhibit removal of said pin from said security slot.

62. (Amended) The system of claim 59 further comprising a locking structure adapted for insertion into said cavity, said locking structure incorporating said pin at a first end such that insertion of said locking structure into said cavity cooperates said pin with said slot engagement member through an aperture in said first side.

63. (Amended) The apparatus of claim 62 wherein said housing includes sidewalls orthogonal to said first side wherein said sidewalls include apertures and a second end of said spindle includes a transverse aperture collinear with said opposing apertures in said sidewalls, said opposing apertures and said transverse apertures permitting said cable to extend therethrough after cooperation of said pin with said slot engagement member to inhibit uncooperation of said pin and said slot engagement member.

64. (Amended) The apparatus of claim 56 wherein said preselected dimensions are about three millimeters by about seven millimeters.

65. (Unamended) A locking system, comprising:

a portable electronic device including an exterior wall defining a security slot;

location fixing means for attaching to a first object other than to the portable electronic device;

a housing, coupled to said location fixing means and proximate to said electronic device and including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot to thereby permit said locking member to extend into said slot,

said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from the slot, and a locked position wherein

locking member is retained within the slot; and

a pin, coupled said engagement member, for cooperating with said slot engagement member when said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position.

66. (Amended) The system of claim 65 wherein said preselected dimensions are about three millimeters by about seven millimeters.

67. (Amended) The system of claim 56 wherein said locking member is "T-shaped."

68. (Amended) The system of claim 65 wherein said locking member is "T-shaped."

69. (Amended) The system of claim 65 wherein said pin cooperates by extending into said security slot.

70. (Unamended) A cable attachment system, comprising:

a portable computer including an exterior wall provided with a security slot having dimensions of about three millimeters by about seven millimeters;

a locking structure, coupled to said cable, for attaching to said security slot, said locking structure comprising:

a housing, adapted to abut said wall adjacent said security slot,

said housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to said security slot to permit said locking member to extend into said security slot, said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from said security slot, and a locked position wherein said locking member is retained within said security slot; and

a pin coupled through said housing adjacent to said slot engagement member and cooperating with said slot engagement member after said slot engagement member is in

said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position; and

a cable for securing said portable computer to an object other than to said housing.

REMARKS

Claims 56-70 remain in this application. Claim 71 has been deleted and Claims 57-64 and 66-69 have been amended.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned **"Version with markings to show changed made"**

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 393-2000.

Respectfully submitted,

Michael E. Woods
Reg. No. 33,466

Date: **March 13, 2001**

McCutchen, Doyle, Brown & Enersen, LLP
Three Embarcadero Center, Suite 1800
San Francisco, CA 94111-4067
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21317210v1

Version With Markings to Show Changes Made

In the specification:

Paragraph beginning at line 1, page 5 has been amended as follows:

--This application is a division of U.S. Patent Application No. 09/602,879 filed June 23, 2000, which is [This application is] a continuation of U.S. Patent Application No. 09/441,142 filed November 12, 1999, which is a continuation of U.S. Patent Application No. 08/138,634 filed October 15, 1993, now U.S. Patent No. 6,000,251, which is continuation-in-part of U.S. Patent Application No. 08/042,851 filed April 5, 1993, now U.S. Patent No. 5,381,685, which is a continuation-in-part of U.S. Patent Application No. 08/006,311 filed January 19, 1993 now abandoned, which is a continuation of U.S. Patent Application No. 07/824,964 filed January 24, 1992, now abandoned.--

56. (Unamended) A locking system comprising:

a portable electronic computer having an external wall defining a security slot;

a housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot which thereby permits said locking member to extend into said security slot;

said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from said security slot, and a locked position wherein said locking member is retained within said security slot;

a pin cooperatively coupled to said slot engagement member after said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position;

cable attachment means, coupled to said housing, for attaching a cable to said housing; and

a cable, coupled to said cable attachment means, for securing said portable electronic computer to an object other than to said housing.

57. (Amended) The system of claim [1] 56 wherein said pin includes a first threaded portion, complementary to a second threaded portion in an aperture in said housing.

58. (Amended) The system of claim [1] 56 wherein said pin cooperates by extending into said security slot.

59. (Amended) The system of claim [1] 56 wherein a first side of said housing abuts said external wall, and

wherein said housing includes a cavity and a second side opposite said first side that is open to access said cavity wherein said pin is insertable through said second side and into said cavity to cooperate with said slot engagement member to inhibit said rotation.

60. (Amended) The system of claim [4] 59 wherein said pin includes a first threaded portion complementary to a second threaded portion in an aperture in said first side of said housing.

61. (Amended) The system of claim [1] 56 wherein said housing includes sidewalls orthogonal to said first side wherein said sidewalls include opposing apertures to permit said cable to extend therethrough after cooperation of said pin with said slot engagement member to inhibit removal of said pin from said security slot.

62. (Amended) The system of claim [4] 59 further comprising a locking structure adapted for insertion into said cavity, said locking structure incorporating said pin at a first end such that insertion of said locking structure into said cavity cooperates said pin with said slot engagement member through an aperture in said first side.

63. (Amended) The apparatus of claim [7] 62 wherein said housing includes sidewalls orthogonal to said first side wherein said sidewalls include apertures and a

second end of said spindle includes a transverse aperture collinear with said opposing apertures in said sidewalls, said opposing apertures and said transverse apertures permitting said cable to extend therethrough after cooperation of said pin with said slot engagement member to inhibit uncooperation of said pin and said slot engagement member.

64. (Amended) The apparatus of claim [1] 56 wherein said preselected dimensions are about three millimeters by about seven millimeters.

65. (Unamended) A locking system, comprising:

a portable electronic device including an exterior wall defining a security slot;

location fixing means for attaching to a first object other than to the portable electronic device;

a housing, coupled to said location fixing means and proximate to said electronic device and including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot to thereby permit said locking member to extend into said slot, said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from the slot, and a locked position wherein

locking member is retained within the slot; and

a pin, coupled said engagement member, for cooperating with said slot engagement member when said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position.

66. (Amended) The system of claim [10] 65 wherein said preselected dimensions are about three millimeters by about seven millimeters.

67. (Amended) The system of claim [1] 56 wherein said locking member is "T-shaped."

68. (Amended) The system of claim [10] 65 wherein said locking member is "T-shaped."

69. (Amended) The system of claim [10] 65 wherein said pin cooperates by extending into said security slot.

70. (Unamended) A cable attachment system, comprising:

a portable computer including an exterior wall provided with a security slot having dimensions of about three millimeters by about seven millimeters;

a locking structure, coupled to said cable, for attaching to said security slot, said locking structure comprising:

a housing, adapted to abut said wall adjacent said security slot,

said housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to said security slot to permit said locking member to extend into said security slot, said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from said security slot, and a locked position wherein said locking member is retained within said security slot; and

a pin coupled through said housing adjacent to said slot engagement member and cooperating with said slot engagement member after said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position; and

a cable for securing said portable computer to an object other than to said housing.

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Date of Deposit June 23, 2000

PATENT
Attorney Docket No.: 14572P-002863US
Client Reference No.: Snap

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Assistant Commissioner for Patents
Washington, D C. 20231

By: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

William R. Murray, Jr., et al.

Application No.:

Filed:

For: COMPUTER PHYSICAL SECURITY DEVICE

Art Unit:

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE SPECIFICATION:

Please amend the specification as follows:

At page 1, line 5, please delete the first paragraph and insert the following paragraph:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is a continuation of U.S. Patent Application No. 09/441,142 filed November 12, 1999, which is a continuation of U.S. Patent Application No. 08/138,634 filed October 15, 1993 which is a continuation-in-part of Serial No. 08/042,851 filed April 5, 1993, (now U.S. Patent No. 5,381,685) which is a continuation of U.S. Patent Application No.

07/824,964 filed January 24, 1992 (now abandoned) and a continuation-in-part of U.S. Patent Application No. 08/006,311 filed January 19, 1993 (now abandoned), the disclosures of which are incorporated herein by reference for all purposes.--

IN THE CLAIMS:

Please cancel claims 56-83 and add new claims 84-99 as follows:

56-83 CANCELLED

84. (NEW) A locking system, comprising:

a portable electronic computer having an external wall defining a security slot;

a housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot which thereby permits said locking member to extend into said security slot,

said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from said security slot, and a locked position wherein said locking member is retained within said security slot;

a pin cooperatively coupled to said slot engagement member after said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position;

cable attachment means, coupled to said housing, for attaching a cable to said housing; and

a cable, coupled to said cable attachment means, for securing said portable electronic computer to an object other than to said housing.

85. (NEW) The system of claim 1 wherein said pin includes a first threaded portion, complementary to a second threaded portion in an aperture in said housing.

86. (NEW) The system of claim 1 wherein said pin cooperates by extending into said security slot.

87. (NEW) The system of claim 1 wherein a first side of said housing abuts said external wall, and

wherein said housing includes a cavity and a second side opposite said first side that is open to access said cavity wherein said pin is insertable through said second side and into said cavity to cooperate with said slot engagement member to inhibit said rotation.

88. (NEW) The system of claim 4 wherein said pin includes a first threaded portion complementary to a second threaded portion in an aperture in said first side of said housing.

89. (NEW) The system of claim 1 wherein said housing includes sidewalls orthogonal to said first side wherein said sidewalls include opposing apertures to permit said cable to extend therethrough after cooperation of said pin with said slot engagement member to inhibit removal of said pin from said security slot.

90. (NEW) The system of claim 4 further comprising a locking structure adapted for insertion into said cavity, said locking structure incorporating said pin at a first end such that insertion of said locking structure into said cavity cooperates said pin with said slot engagement member through an aperture in said first side.

91. (NEW) The apparatus of claim 7 wherein said housing includes sidewalls orthogonal to said first side wherein said sidewalls include apertures and a

second end of said spindle includes a transverse aperture collinear with said opposing apertures in said sidewalls, said opposing apertures and said transverse apertures permitting said cable to extend therethrough after cooperation of said pin with said slot engagement member to inhibit uncooperation of said pin and said slot engagement member.

92. (NEW) The apparatus of claim 1 wherein said preselected dimensions are about three millimeters by about seven millimeters.

93. (NEW) A locking system, comprising:

a portable electronic device including an exterior wall defining a security slot;

location fixing means for attaching to a first object other than to the portable electronic device;

a housing, coupled to said location fixing means and proximate to said electronic device and including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot to thereby permit said locking member to extend into said slot, said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from the slot, and a locked position wherein

locking member is retained within the slot; and

a pin, coupled to said slot engagement member, for cooperating with said slot engagement member when said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position.

94. (NEW) The system of claim 10 wherein said preselected dimensions are about three millimeters by about seven millimeters.

95. (NEW) The system of claim 1 wherein said locking member is "T-shaped."

96. (NEW) The system of claim 10 wherein said locking member is "T-shaped."

97. (NEW) The system of claim 10 wherein said pin cooperates by extending into said security slot.

98. (NEW) A cable attachment system, comprising:

a portable computer including an exterior wall provided with a security slot having dimensions of about three millimeters by about seven millimeters;

a locking structure, coupled to said cable, for attaching to said security slot, said locking structure comprising:

a housing, adapted to abut said wall adjacent said security slot,

said housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to said security slot to permit said locking member to extend into said security slot, said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from said security slot, and a locked position wherein said locking member is retained within said security slot; and

a pin coupled through said housing adjacent to said slot engagement member and cooperating with said slot engagement member after said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position; and

a cable for securing said portable computer to an object other than to said housing.

99. (NEW) An attachment method, comprising:

abutting a housing proximate to a security slot defined in a wall of a portable electronic device, said housing including a slot engagement member having a slot engaging portion provided with a locking member having a peripheral profile complementary to preselected dimensions of said security slot to thereby permit said locking member to extend into said slot,

said slot engagement member being rotatable between an unlocked position wherein said locking member is removable from the slot, and a locked position wherein said locking member is retained with the slot;

extending said locking member into said security slot when said slot engagement member is in said unlocked position;

rotating said slot engagement member into said locked position while said locking member is in said security slot; and

coupling a pin with said slot engagement member after said slot engagement member is in said locked position to thereby inhibit rotation of said slot engagement member to said unlocked position.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,

Michael E. Woods
Reg. No. 33,466

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PATENT
Attorney Docket No. 23068-7024
Customer No. 25714

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

William R. Murray, Jr., et al.

Application No.: 09/602,879

Filed: June 23, 2000

For: COMPUTER PHYSICAL SECURITY DEVICE

Examiner: Darnell Boucher

Art Unit: 3627

SECOND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE CLAIMS:

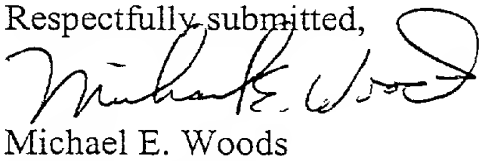
Please cancel claims 1-55 and renumber claims 84 through 99 as claims 56 through 69.

CONCLUSION

In view of the foregoing, Applicant believes all claims now pending in this Application are in condition for allowance.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-393-2000.

Respectfully submitted,



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